

Release A CDR RID Report

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RID ID	CDR	10
Review	SDPS/CSMS	
Originator Ref		
Priority	1	

Section

Page

Figure Table

Category Name Client (CLS) Design

Actionee Project (Hunolt/McDonald)

Sub Category Project

Subject Client instrumentation for management and performance analysis

Description of Problem or Suggestion:

At CSMS PDR there was a discussion of the need for instrumentation in clients (general user clients, that is) to support fault, performance, usage analysis. I believe that the result was that a design for this was presented at CDR, but didn't hear anything on this during the client presentation.

Originator's Recommendation

Fix the V0 client to allow it to support the fault, performance, and usage analysis.

GSFC Response by: Ken McDonald

GSFC Response Date 10-02-95

While it was not reported at the Release A CDR, the V0 client has been instrumented to support fault, performance and usage analysis. The client captures usage statistics on the individual data search and order functions provided by the client which will be reported in the ESDIS Statistics Collection and Reporting System (SCRS). This includes records on any abnormal termination of the functions. Time stamps are added to all of the standard messages that are passed between the V0 client and the DAAC servers to support performance monitoring and analysis.

One modification that must be made to the V0 client instrumentation in support of performance analysis is the addition of time stamps to measure the transfer of browse files. A software modification request (SMR) will be submitted to the development team to add these time stamps to the Release A version of the client.

HAIS Response by:

HAIS Schedule

HAIS R. E.

HAIS Response Date

Status Closed

Date Closed 10/9/95

Sponsor McDonald

Attachment if any
